

## INTERNATIONAL SEARCH REPORT

 International application No.  
 PCT/AU03/00676

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
Int. Cl. <sup>7</sup> : G01N 33/80, 33/569		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPIDS, MEDLINE, CA; KEYWORDS: FETAL, TROPHOBLASTS, HLA, MATERNAL, BLOOD, ANTIBODY, CELLS		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5153117 A (SIMONS) 6 October 1992 Claims	1-57
Y	US 5447842 A (SIMONS) 5 September 1995 Whole document	1-57
Y	WEGMANN T. et al, "Allogenic placenta is a paternal strain antigen immunoabsorbent" J Immunol (1979) Jan, Vol 122 No 1 p270-274 Discussion	1-57
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 15 August 2003		Date of mailing of the international search report 04 SEP 2003
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pcr@ipaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer ROSS OSBORNE Telephone No.: (02) 6283 2404

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	REED E. et al, "The alloantibody response of pregnant women and its suppression by soluble HLA antigens and anti-idiotypic antibodies" J. Reprod. Immunol. Vol 20 (1991) p115-128 Whole document	1-57
A	US 5541072 A (WANG et al) 30 July 1996 Claims 1-2 and 37	
P, A	SZEKERES-BARTHO J et al, "Immunological relationship between the mother and the fetus" Intern. Rev. Immunol., (2002) Nov-Dec, Vol 21 p471-495 Pages 472-477 in particular.	
A	US 5503981 A (MUELLER et al) 2 April 1996 Whole document	
A	MOWBRAY J et al, "Maternal Response to Paternal Trophoblast Antigens" AJRI (1997) Vol 37, p421-426 Introduction	

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00676

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US 5153117	AU 74716/91	CA 2059554	EP 486626		
	IB 910996	IL 97677	NZ 237589		
	SG 79188	ZA 9102317	WO 9102317		
	US 5447842				
US 5447842	EP 521909	US 5447842			
US 5541072	US 5622831	US 5795470	US 5876593		
	US 6013532	CA 2087037	AU 15665/92		
	AU 85485/91	IB 913332	IE 920526		
	EP 577643	EP 593480	WO 9216844		
	WO 9415696	WO 9411078	WO 9627132		
US 5503981	AU 46466/89	CA 2004592	CN 1043788		
	DK 1073/91	EP 447424	NO 912133		
	NZ 231621	WO 9006509			
END OF ANNEX					

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